



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 148367

TO: Linda Sholl  
Location: RND 8a31  
Art Unit: 3700  
Monday, March 21, 2005

Case Serial Number: 10/810548

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RND 8b31  
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### Search Notes

No past or current litigation found pertaining to US pat. 6360719.

Sources:

Lexis/Nexis  
Questel-Orbit

743403 (09) 6360719 March 26, 2002

Time of Request: March 21, 2005 02:13 PM EST

Research Information:

Utility, Design and Plant Patents  
patno=6360719

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6360719

March 26, 2002

Charge control device for and method for controlling the functioning of a reciprocating  
internal combustion engine

**REISSUE:** March 26, 2004 - Reissue Application filed Ex. Gp.: 3747; Re. S.N. 10/810,548 (O.G. June 22, 2004)

**APPL-NO:** 743403 (09)

**FILED-DATE:** February 8, 2001

**GRANTED-DATE:** March 26, 2002

**ASSIGNEE-AT-ISSUE:** Nonox B.V., Netherlands (NL), 03

**ASSIGNEE-AFTER-ISSUE:** March 26, 2004 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT  
FOR DETAILS)., NONOX B.V. ECONOMISTRAAT 29 6433 KC HOENSBROEK NETHERLANDS, Reel and  
Frame Number: 15156/0145

**LEGAL-REP:** R. W. Becker & Associates; Becker, R. W.

Selected file: PLUSPAT  
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Comprehensive Worldwide Patents database

**\*\* SS 1: Results 1**  
**PRT SS 1 MAX 1 LEGALALL**

1 / 1 PLUSPAT - @QUESTEL-ORBIT

**Patent Number :**

US6360719 B1 20020326 [US6360719]

**Title :**

(B1) Charge control device for and method for controlling the  
functioning of a reciprocating internal combustion engine

**Patent Assignee :**

(B1) NONOX B V (US)

**Patent Assignee :**

Nonox B.V., [NL]

**Inventor(s) :**

(B1) UITENBROEK PAUL (DE)

**Application Nbr :**

US74340301 20010208 [2001US-0743403]

**Filing Details :**

PCT/EP99/04660 19990705 [1999WO-EP04660]

WO00/03131 20000120 [WO200003131]

**Priority Details :**

DE19830575 19980708 [1998DE-1030575]

WOEP9904660 19990705 [1999WO-EP04660]

**Intl Patent Class :**

(B1) F02D-009/14 F02D-009/16

**EPO ECLA Class :**

F02B-027/00

F02B-029/00

F02B-029/08A

F02B-043/00

F02D-009/16

**EPO ICO Class :**

R02B-001/04

R02B-275/32

**US Patent Class :**

ORIGINAL (O) : 123399000; CROSS-REFERENCE (X) : 123080000R 123190100

123336000 123337000

**Document Type :**

Corresponding document

**Citations :**

US4738233; US4802452; US4892071; US4932378; US5325829; US5718198;

US5778851; US5803045

**Publication Stage :**

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

**Abstract :**

A charge control apparatus and a method for operating an reciprocating internal combustion engine are provided. The charge control apparatus includes a rotary disc valve disposed in the intake conduit upstream of the intake valve and connected to a motor and a control unit. The rotary disc valve is movable by the motor between a position in which the rotary disc valve closes the intake conduit and a position in which it permits flow along the intake conduit to the intake valve. The control unit controls the movement of the rotary disc valve into its closing position in the intake conduit such that the closing time point of the rotary disc valve is set increasingly ahead of the closing time point of the intake valve as a function of decreasing performance demands.

**Update Code :**

2002-14

1 / 1 LGST - ©EPO

**Patent Number :**

US6360719 B1 20020326 [US6360719]

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US74340301 20010208 [2001US-0743403]

**Action Taken :**

20040622 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040326

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2004-26

1 / 1 CRXX - ©CLAIMS/RRX

**Patent Number :**

6,360,719 A 20020326 [US6360719]

**Patent Assignee :**

Nonox B V NL

**Actions :**

20040326 REASSIGNED

ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: UITENBROEK, PAUL, DATE SIGNED: 03/24/2004

Assignee: NONOX B.V., ECONOMISTRAAT 29, 6433 KC HOENSBROEK, NETHERLANDS

Reel 015156/Frame 0145

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20040326 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040622

REISSUE REQUEST NUMBER: 10/810548

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3747

Reissue Patent Number:

Session finished: 21 MAR 2005 Time 20:35:45

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.